MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

May 1949

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

MAY 1949

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.8	58.4	59.0	58.7	24.0	16.8	20.3	22.4	18.3	20.3
2	8.9	8.7	7.6	8.4	24.7	17.3	21.0	23.8	19.2	21.3
3	6.6	6.1	6.3	6.3	24.5	16.1	20.9	23.3	18.3	20.8
4	6.6	6.2	6.5	6.4	24.5	16.6	20.8	23.6	18.3	20.9
5	7.3	7.1	7.5	7.3	24.9	16.7	20.8	23.8	18.4	21.0
6	59.3	59.2	59.1	59.2	25.8	17.3	21.6	25.1	18.8	21.8
7	9.0	8.8	9.2	9.0	27.0	17.2	24.2	24.9	19.3	22.8
8	9.0	8.4	8.8	8.7	28.2	19.8	21.6	25.2	20.1	22.3
9	8.3	7.5	7.6	7.8	31.6	22.5	27.7	28.9	23.9	26.8
10	7.5	7.1	8.8	7.8	34.8	23.9	26.6	32.2	25.4	28.1
11	61.0	60.1	61.6	60.9	33.3	20.5	25.5	32.7	23.0	27.1
12	0.7	0.2	0.7	0.5	28.1	18.2	23.1	27.3	20.7	23.7
13	0.1	59.0	58.0	59.0	26.4	18.8	23.3	25.5	20.5	23.1
14	58.2	7.2	8.0	8.8	26.9	19.1	23.9	26.1	21.0	23.7
15	8.5	8.4	7.8	8.2	27.8	19.3	23.8	26.1	20.7	23.5
16	59.4	58.2	57.1	58.2	31.0	21.1	23.8	26.5	22.2	24.2
17	4.1	6.7	7.4	6.1	35.5	21.9	31.2	27.1	24.4	27.6
18	7.8	4.4	5.7	6.0	34.6	19.8	27.7	32.4	23.3	27.8
19	60.5	60.7	60.8	60.7	29.0	18.1	22.9	25.0	20.2	22.7
20	0.1	0.6	0.4	0.4	26.9	18.2	21.7	26.6	19.8	22.7
21	61.4	60.6	60.6	60.9	26.6	18.5	23.6	25.7	20.7	23.3
22	59.7	59.1	59.6	59.5	27.7	19.1	23.0	26.8	21.1	23.6
23	9.4	9.3	9.3	9.3	28.0	17.8	24.4	27.2	20.5	24.0
24	60.0	60.4	60.1	60.2	26.0	18.9	23.6	22.7	19.9	22.1
25	59.8	59.4	59.8	59.7	28.0	19.2	22.7	27.5	19.9	23.4
26	59.8	59.1	59.7	59.5	26.5	17.7	22.7	24.9	20.5	22.7
27	60.3	60.1	60.5	60.3	27.6	18.7	23.7	26.9	20.8	23.8
28	59.9	59.3	58.6	59.3	26.9	19.6	23.1	25.5	20.8	23.1
29	7.5	6.4	5.6	6.5	27.9	19.3	25.1	27.2	21.4	24.6
30	5.0	5.1	5.2	5.1	28.8	19.6	24.4	27.7	22.2	24.8
31	5.7	6.7	7.2	6.5	28.9	19.3	24.4	27.2	21.7	24.4
	58.72	58.34	58.52	58.53	24.92	18.93	23.65	26.38	20.82	23.61

Barometer, range for month 761.6 — 754.1 mm.
,, 71-yr. average for month 759.50 mm.
Thermometer, range for month 35.5°C — 16.1°C
,, 71-yr. average for month 22.48°C.
Rain, total for month 0.00 mm.
,, 71-yrs. average for month 18.15 mm.
,, Tolal, Sept. 1st. to end of month 1200.15 mm.
,, 71-yr. average, Sept. 1st. to end of month 888.15 mm.

MAY 1949

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibare				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.5	22.9	21.0	21.5	86	84	99	90	9.4	204.0	
2	21.8	23.0	19.9	21.6	87	77	90	85	10.2	488.0	
3	21.3	24.5	21.0	22.3	85	85	99	90	12.0	346.0	
4	17.8	23.9	21.1	20.9	82	82	100	88	12.0	101.0	
5	21.9	24.4	20.9	22.4	87	82	99	89	12.4	106.0	
6	23.1	25.7	19.5	22.8	89	80	89	86	12.8	135.0	
7	22.0	26.0	20.0	22.7	73	82	89	81	12.5	193.0	
8	22.6	27.0	24.0	24.5	88	84	99	90	7.5	177.0	
9	22.4	24.2	20.9	22.5	60	61	71	64	5.2	203.0	
10	25.7	41.6	25.5	30.9	73	86	83	81	5.7	343.0	
11	24.1	26.1	26.0	25.4	73	54	92	73	4.4	232.0	
12	25.2	25.8	23.2	24.7	88	72	98	86	9.4	53.0	
13	22.6	26.0	21.9	23.5	78	79	91	83	12.1	275.0	
14	24.8	27.9	23.8	25.5	83	82	95	87	11.7	109.0	
15	24.3	27.8	24.2	25.4	82	81	99	87	10.3	71.0	
16	25.5	28.5	26.2	26.7	85	83	98	89	12.1	357.0	
17	19.7	24.2	22.7	22.2	44	66	74	61	3.1	690.0	
18	19.7	24.6	23.3	22.5	54	51	81	62	3.3	420.0	
19	21.8	23.3	20.9	22.0	79	73	90	81	10.2	166.0	
20	22.0	26.2	21.8	23.3	85	75	96	85	10.1	122.0	
21	25.7	27.2	23.6	25.5	88	81	97	89	10.5	142.0	
22	23.5	27.4	22.6	24.5	83	79	90	84	10.8	225.0	
23	26.8	28.4	22.7	26.0	87	79	94	87	11.8	241.0	
24	23.0	23.7	20.9	22.5	78	85	91	85	3.7	97.0	
25	24.4	26.3	20.5	23.7	87	72	88	82	7.1	101.0	
26	22.4	25.8	21.3	23.2	80	81	88	83	11.2	129.0	
27	22.6	26.5	22.0	23.7	77	74	90	80	11.8	216.0	
28	23.6	26.9	23.4	24.6	84	82	96	87	12.5	111.0	
29	25.9	28.4	24.4	26.2	81	79	96	85	12.9	130.0	
30	26.4	29.5	25.0	27.0	86	79	93	86	12.8	525.0	
31	25.0	29.0	24.4	26.1	83	79	94	85	12.1	431.0	
	23.16	26.54	22.54	24.08	79.9	77.1	91.6	82.9	9.79	227.07	0.00

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8.30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	4ci	2ci	2.0	1w	2n	1n	light	Sky hazy, a.m.
2	0	3ci	0	1.0	2sw	2sw	2sw	,,	
3	3ci	2cu-ci	0	1.7	3sw	2sw	0	,,	
4	1ci	2ci	0	1.0	1w	2w	0	,,	
5	1cu-ci	1ci	0	0.7	1nw	1ne	0	calm	
6	0	0	0	0.0	1ne	2ne	0	calm	
7	0	0	7cu-ci	2.3	1sw	2ne	1ne	light	
8	3ci	5cu-ci	7cu-ci	5.0	1nw	2ne	1ne	,,	
9	5ci	8ci	10st	7.7	1sw	1ne	0	calm	
10	5ci	7ci	9st-ci	7.0	1e	1nw	0	,,	
11	10cu-ni	4ci	9cu	7.7	2se	2sw	3sw	light	Tr., a.m.
12	9cu-ci	1ci	0	3.3	2nw	2w	0	calm	
13	0	1ci	0	0.3	1ne	2ne	1ne	light	
14	5ci	2cu	0	2.3	2ne	2ne	1ne	,,	
15	0	6cu-ci	5ci-st	3.7	2w	1sw	0	calm	
16	0	1ci	0	0.3	1w	2nw	0	calm	
17	9cu-st	10st	4st	7.7	2se	3sw	2ne	light	W., hot, a.m.
18	10cu	7cu	0	5.7	3sw	3w	0	,,	Tr., a.m; p.m.
19	4ci	0	8cu-ci	4.0	2sw	3nw	1ne	slight	
20	0	2ci	0	0.7	2nw	2nw	1nw	light	
21	8ci	3ci	3cu	4.7	2sw	1nw	1nw	light	
22	2ci	2ci	2ci	2.0	2sw	2nw	0	,,	
23	2ci	3ci	0	1.7	2w	2w	1w	slight	
24	5ci	5ci	3ci	4.3	2w	2nw	0	,,	
25	10cu	1ci	0	3.7	1w	1sw	0	light	
26	5cu	0	3cu-ci	2.7	1nw	1nw	1nw	light	
27	2cu	1cu	3cu-ci	2.0	2w	3w	1w	,,	
28	4cu-ci	3cu	3ci	3.3	2w	1n	0	,,	
29	3ci	0	0	1.0	1ne	2ne	0	calm	
30	0	0	0	0.0	3w	2sw	2sw	light	
31	0	3cu	0	1.0	3sw	3sw	2sw	,,	
				2.92					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	4	1	2	0	9	10	5	0	31
14:30	2	8	0	0	0	8	5	8	0	31
20:30	1	6	0	0	0	4	2	3	15	31
Total	3	18	1	2	0	21	17	16	15	93

Number of days with rain 0.0, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 3.08